

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INTEGRATED RESERVOIR OPTIMIZATION

the specification of which is attached hereto unless the following box is checked:

[] was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Priority Claimed
_____ (Number) (Country)	/ / D / M / YR FILED	[] YES [] NO
_____ (Number) (Country)	/ / D / M / YR FILED	[] YES [] NO

I hereby claim the benefit under Title 35, United States Code, section 119(e) of any United States provisional application(s) listed below

60/183,836	02/22/2000
_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

002760" T559960

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number) (Filing Date) (status -- patented, pending abandoned)

(Application Number) (Filing Date) (status -- patented, pending abandoned)

I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

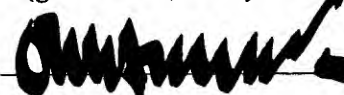
John H. Bouchard, #29,286 and John J. Ryberg, #31,134 and Dale Gaudier #28,213

I hereby request that all correspondence, notices, official letters and other communication be directed to: GeoQuest, a division of Schlumberger Technology Corporation, ATTN: J. H. Bouchard, Patent Counsel, 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722 and that all telephone calls be directed to: John H. Bouchard, at (713) 513-2515, c/o GeoQuest, 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of First inventor (given name, family name) OMER M. GURPINAR

First Inventor's Signature



Date

8/21/2000

Residence: 452 Monroe Street, Denver, Colorado 80206

Citizenship: Canada

P.O. Address: 452 Monroe Street, Denver, Colorado 80206

[XXX] Additional inventors are being named on separately numbered sheets attached hereto.

Figure 6

Residence: 22506 Bridgehaven Drive, Katy, Texas 77494 **Citizenship:** U.S.A.

Full name of Third inventor (given name, family name) **VIDYA B. VERMA**

Residence: 4618 Jamaica Drive, Sugar Land, Texas 77479 **Citizenship:** U.S.A.

Full name of Fourth inventor (given name, family name) **PHILIP W. PANTELLA**

Residence: 9031 33rd Ave N.W. Calgary, Alberta, Canada T3B 1M2 **Citizenship:** Canada

P.O. Address: 9031 33rd Ave N.W. Calgary, Alberta, Canada T3B 1M2

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INTEGRATED RESERVOIR OPTIMIZATION

the specification of which is attached hereto unless the following box is checked:

[] was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on (if applicable) _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Priority Claimed
_____	/ /	[] YES [] NO
(Number) (Country)	D/ M / YR FILED	
_____	/ /	[] YES [] NO
(Number) (Country)	D/ M / YR FILED	

I hereby claim the benefit under Title 35, United States Code, section 119(e) of any United States provisional application(s) listed below

60/183,836	02/22/2000
_____	_____
(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)

0022691.091200

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number) (Filing Date) (status -- patented, pending abandoned)

(Application Number) (Filing Date) (status -- patented, pending abandoned)

I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John H. Bouchard, #29,286 and John J. Ryberg, #31,134 and Dale Gaudier #28,213

I hereby request that all correspondence, notices, official letters and other communication be directed to: GeoQuest, a division of Schlumberger Technology Corporation, ATTN: J. H. Bouchard, Patent Counsel, 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722 and that all telephone calls be directed to: John H. Bouchard, at (713) 513-2515, c/o GeoQuest, 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of First inventor (given name, family name) **OMER M. GURPINAR**

First Inventor's Signature _____ Date _____

Residence: 452 Monroe Street, Denver, Colorado 80206 **Citizenship:** Canada

P.O. Address: 452 Monroe Street, Denver, Colorado 80206

[XXX] Additional inventors are being named on separately numbered sheets attached hereto.

Full name of Second inventor (given name, family name) **DAVID J. ROSSI**

Second Inventor's Signature David J Rossi Date 14 August 2000

Residence: 22506 Bridgehaven Drive, Katy, Texas 77494 **Citizenship:** U.S.A.

P.O. Address: 22506 Bridgehaven Drive, Katy, Texas 77494

Full name of Third inventor (given name, family name) **VIDYA B. VERMA**

Third Inventor's Signature _____ Date _____

Residence: 4618 Jamaica Drive, Sugar Land, Texas 77479 **Citizenship:** U.S.A.

P.O. Address: 4618 Jamaica Drive, Sugar Land, Texas 77479

Full name of Fourth inventor (given name, family name) **PHILIP W. PANTELLA**

Fourth Inventor's Signature _____ Date _____

Residence: 9031 33rd Ave N.W. Calgary, Alberta, Canada T3B 1M2 **Citizenship:** Canada

P.O. Address: 9031 33rd Ave N.W. Calgary, Alberta, Canada T3B 1M2

002760-755990

090100

My residence, post office address and citizenship are as stated below next to my name.

INTEGRATED RESERVOIR OPTIMIZATION

[] was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on (if applicable) _____

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Priority Claimed
_____	/ /	[] YES [] NO
(Number) (Country)	D/ M / YR FILED	

_____/_____/_____[] YES [] NO
(Number) (Country) D/M/YR FILED

I hereby claim the benefit under Title 35, United States Code, section 119(e) of any United States provisional application(s) listed below

60/183,836

02/22/2000

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became the filing date of the prior application and the national or PCT international filing date of this application:

_____	_____	_____
(Application Number)	(Filing Date)	(status -- patented, pending abandoned)

_____	_____	_____
(Application Number)	(Filing Date)	(status -- patented, pending abandoned)

I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John H. Bouchard, #29,286 and John J. Ryberg, #31,134 and Dale Gaudier #28,213

I hereby request that all correspondence, notices, official letters and other communication be directed to: GeoQuest, a division of Schlumberger Technology Corporation, ATTN: J. H. Bouchard, Patent Counsel, 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722 and that all telephone calls be directed to: John H. Bouchard, at (713) 513-2515, c/o GeoQuest, 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of First inventor (given name, family name) **OMER M. GURPINAR**

First Inventor's Signature _____ Date _____

Residence: 452 Monroe Street, Denver, Colorado 80206 **Citizenship:** Canada

P.O. Address: 452 Monroe Street, Denver, Colorado 80206

[XXX] Additional inventors are being named on separately numbered sheets attached hereto.

003160-1555550

[illegible]**Residence:** 22506 Bridgehaven Drive, Katy, Texas 77494 **Citizenship:** U.S.A.

Full name of Third inventor (given name, family name) **VIDYA B. VERMA**

Residence: 4618 Jamaica Drive, Sugar Land, Texas 77479 **Citizenship:** U.S.A.

Full name of Fourth inventor (given name, family name) **PHILIP W. PANTELLA**

Residence: 9031 33rd Ave N.W. Calgary, Alberta, Canada T3B 1M2 **Citizenship:** Canada

P.O. Address: 9031 33rd Ave N.W. Calgary, Alberta, Canada T3B 1M2

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INTEGRATED RESERVOIR OPTIMIZATION

the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Priority Claimed
_____	/ /	<input type="checkbox"/> YES <input type="checkbox"/> NO
(Number) (Country)	D/ M / YR FILED	
_____	/ /	<input type="checkbox"/> YES <input type="checkbox"/> NO
(Number) (Country)	D/ M / YR FILED	

I hereby claim the benefit under Title 35, United States Code, section 119(e) of any United States provisional application(s) listed below

60/183,836	02/22/2000
_____	_____
(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became the filing date of the prior application and the national or PCT international filing date of this application:

_____	_____	_____
(Application Number)	(Filing Date)	(status -- patented, pending abandoned)

_____	_____	_____
(Application Number)	(Filing Date)	(status -- patented, pending abandoned)

I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John H. Bouchard, #29,286 and John J. Ryberg, #31,134 and Dale Gaudier #28,213

I hereby request that all correspondence, notices, official letters and other communication be directed to: GeoQuest, a division of Schlumberger Technology Corporation, ATTN: J. H. Bouchard, Patent Counsel, 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722 and that all telephone calls be directed to: John H. Bouchard, at (713) 513-2515, c/o GeoQuest, 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of First inventor (given name, family name) **OMER M. GURPINAR**

First Inventor's Signature _____ Date _____

Residence: 452 Monroe Street, Denver, Colorado 80206 **Citizenship:** Canada

P.O. Address: 452 Monroe Street, Denver, Colorado 80206

[XXX] Additional inventors are being named on separately numbered sheets attached hereto.

002160-1565960

Full name of Second inventor (given name, family name) **DAVID J. ROSSI**

Second Inventor's Signature _____ Date _____

Residence: 22506 Bridgehaven Drive, Katy, Texas 77494 **Citizenship:** U.S.A.

P.O. Address: 22506 Bridgehaven Drive, Katy, Texas 77494

Full name of Third inventor (given name, family name) **VIDYA B. VERMA**

Third Inventor's Signature _____ Date _____

Residence: 4618 Jamaica Drive, Sugar Land, Texas 77479 **Citizenship:** U.S.A.

P.O. Address: 4618 Jamaica Drive, Sugar Land, Texas 77479

Full name of Fourth inventor (given name, family name) **PHILIP W. PANTELLA**

Fourth Inventor's Signature  Date 17 AUGUST 2000

Residence: 9031 33rd Ave N.W. Calgary, Alberta, Canada T3B 1M2 **Citizenship:** Canada

P.O. Address: 9031 33rd Ave N.W. Calgary, Alberta, Canada T3B 1M2

09659951-091200